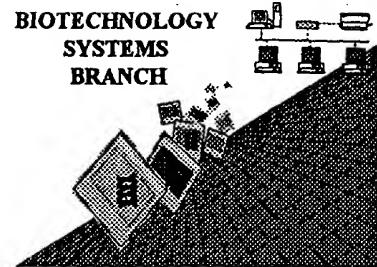


0200

RAW SEQUENCE LISTING

ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/507 968

Art Unit / Team No.: 016

Date Processed by STIC: 3/10/2000

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/507,968</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input checked="" type="checkbox"/> Wrapped Nucleic	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	
2 <input type="checkbox"/> Wrapped Aminos	The amino acid number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	
3 <input type="checkbox"/> Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.	
4 <input type="checkbox"/> Misaligned Amino Acid Numbering	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.	
5 <input type="checkbox"/> Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed.	
6 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's which represented more than one residue. As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.	
7 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.	
8 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).	
9 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence. <210> sequence id number <400> sequence id number 000	
10 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
11 <input type="checkbox"/> Use of <213>Organism (NEW RULES)	Sequence(s) _____ are missing this mandatory field or its response.	
12 <input type="checkbox"/> Use of <220>Feature (NEW RULES)	Sequence(s) _____ are missing the <220>Feature and associated headings. Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown" Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)	
13 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.	

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/507,968**DATE: 03/10/2000
TIME: 10:14:25

Input Set: I507968.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> Yu, Guo-Liang	Does Not Comply Corrected Diskette Needed
2 Ebner, Reinhard	
3 Ni, Jian	
4 Rosen, Craig A.	
5 <120> Neutrokinne-alpha and Neutrokinne-alpha Splice Variants	
6 <130> PF343P3	
7 <140> US/09/507,968	
8 <141> 2000-02-22	
9 <150> 60/122,388	
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26 <151> 1999-04-29	
27 <150> 60/136,784	
28 <151> 1999-05-28	
29 <150> 60/142,659	
30 <151> 1999-07-06	
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32 <151> 1999-07-27	
33 <150> 60/167,239	
34 <151> 1999-11-24	
35 <150> 60/168,624	
36 <151> 1999-12-03	
37 <150> 60/171,108	
38 <151> 1999-12-16	
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40 <151> 1999-12-23	
41 <150> 60/176,015	
42 <151> 2000-01-14	
43 <160> 38	
44 <170> PatentIn Ver. 2.1	

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/507,968DATE: 03/10/2000
TIME: 10:14:25

Input Set: I507968.RAW

ERRORED SEQUENCES FOLLOW

45 <210> 1
 E--> 46 <211> 1100
 47 <212> DNA
 48 <213> Homo sapiens *next page*
 49 <220>
 50 <221> CDS
 51 <222> (147)..(1001)
 52 <400> 1
 53 aaattcagga taactctccct gaggggttag ccaaggccctg ccatgttagtg cacgcaggac 60
 54 atcaacaaac acagataaca ggaaatgatc cattccctgt ggtcaattat tctaaaggcc 120
 55 ccaacccctca aagttcaagt agtgat atg gat gac tcc aca gaa agg gag cag 173
 56 Met Asp Asp Ser Thr Glu Arg Glu Gln
 57 1 5
 58 tca cgc ctt act tct tgc ctt aag aaa aga gaa gaa atg aaa ctg aag 221
 59 Ser Arg Ile Thr Ser Cys Leu Lys Lys Arg Glu Glu Met Lys Leu Lys
 60 10 15 20 25
 61 gag tgt gtt tcc atc ctc cca cgg aag gaa agc ccc tct gtc cga tcc 269
 62 Glu Cys Val Ser Ile Leu Pro Arg Lys Glu Ser Pro Ser Val Arg Ser
 63 30 35 40
 64 tcc aaa gac gga aag ctg ctg gct gca acc ttg ctg ctg gca ctg ctg 317
 65 Ser Lys Asp Gly Lys Leu Leu Ala Ala Thr Leu Leu Ala Leu Leu
 66 45 50 55
 67 tct tgc tgc ctc acg gtg gtg tct ttc tac cag gtg gcc gcc ctg caa 365
 68 Ser Cys Cys Leu Thr Val Val Ser Phe Tyr Gln Val Ala Ala Leu Gln
 69 60 65 70
 70 ggg gac ctg gcc agc ctc cgg gca gag ctg cag ggc cac cac gcg gag 413
 71 Gly Asp Leu Ala Ser Leu Arg Ala Glu Leu Gln Gly His His Ala Glu
 72 75 80 85
 73 aag ctg cca gca gca gca gga gca gca gca gca gca gca gca gca gca 461
 74 Lys Leu Pro Ala Gly Ala Pro Lys Ala Gly Leu Glu Glu Ala
 75 90 95 100 105
 76 cca gct gtc acc gcg gga ctg aaa atc ttt gaa cca cca gct cca gga 509
 77 Pro Ala Val Thr Ala Gly Leu Lys Ile Phe Glu Pro Pro Ala Pro Gly
 78 110 115 120
 79 gaa ggc aac tcc agt cag aac agc aga aat aag cgt gcc gtt cag ggt 557
 80 Glu Gly Asn Ser Ser Gln Asn Ser Arg Asn Lys Arg Ala Val Gln Gly
 81 125 130 135
 82 cca gaa gaa aca gtc act caa gac tgc ttg caa ctg att gca gac agt 605
 83 Pro Glu Glu Thr Val Thr Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser
 84 140 145 150
 85 gaa aca cca act ata caa aaa gga tct tac aca ttt gtt cca tgg ctt 653
 86 Glu Thr Pro Thr Ile Gln Lys Gly Ser Tyr Thr Phe Val Pro Trp Leu
 87 155 160 165
 88 ctc agc ttt aaa agg gga agt gcc cta gaa gaa aaa gag aat aaa ata 701
 89 Leu Ser Phe Lys Arg Gly Ser Ala Leu Glu Glu Lys Glu Asn Lys Ile

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/507,968

 DATE: 03/10/2000
 TIME: 10:14:25

Input Set: I507968.RAW

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92	Leu Val Lys Glu Thr Gly Tyr Phe Phe Ile Tyr Gly Gln Val Leu Tyr			
93	190	195	200	
94	act gat aag acc tac gcc atg gga cat cta att cag agg aag aag gtc			797
95	Thr Asp Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val			
96	205	210	215	
97	cat gtc ttt ggg gat gaa ttg agt ctg gtg act ttg ttt cga tgt att			845
98	His Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile			
99	220	225	230	
100	caa aat atg cct gaa aca cta ccc aat aat tcc tgc tat tca gct ggc			893
101	Gln Asn Met Pro Glu Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly			
102	235	240	245	
103	att gca aaa ctg gaa gaa gga gat gaa ctc caa ctt gca ata cca aga			941
104	Ile Ala Lys Leu Glu Glu Gly Asp Glu Leu Gln Leu Ala Ile Pro Arg			
105	250	255	260	265
106	gaa aat gca caa ata tca ctg gat gga gat gtc aca ttt ttt ggt gca			989
107	Glu Asn Ala Gln Ile Ser Leu Asp Gly Asp Val Thr Phe Phe Gly Ala			
108	270	275	280	
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	110			format error (See item 1 or Error button Next)
	111 Leu Lys Leu Leu			
	112 285			
E-->	113 tctctgtacc tctaagaaga aagaatctaa ctgaaaatac caaaaaaaaaaaaaaaa			1100
W-->	114 1100			

115	<210> 22			
E-->	116 <211> 1040	All next page		
	117 <212> DNA			
	118 <213> Homo sapiens			
	119 <220>			
	120 <221> CDS			
	121 <222> (1)..(468)			
	122 <400> 22			
	123 cgc gtg gta gac ctc tca gct cct cct gca cca tgc ctg cct gga tgc			48
	124 Arg Val Val Asp Leu Ser Ala Pro Pro Ala Pro Cys Leu Pro Gly Cys			
	1	5	10	15
	126 cgc cat tct caa cat gat gat aat gga atg aac ctc aga aac aga act			96
	127 Arg His Ser Gln His Asp Asp Asn Gly Met Asn Leu Arg Asn Arg Thr			
	20	25	30	
	129 tac aca ttt gtt cca tgg ctt ctc agc ttt aaa aga gga aat gcc ttg			144
	130 Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Asn Ala Leu			
	35	40	45	
	132 gag gag aaa gag aac aaa ata gtg gtg agg caa aca ggc tat ttc ttc			192
	133 Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr Gly Tyr Phe Phe			
	50	55	60	
	135 atc tac agc cag gtt cta tac acg gac ccc atc ttt gct atg ggt cat			240
	136 Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe Ala Met Gly His			
	65	70	75	80
	138 gtc atc cag agg aag aaa gta cac gtc ttt ggg gac gag ctg agc ctg			288

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/507,968DATE: 03/10/2000
TIME: 10:14:25

Input Set: I507968.RAW

139	Val Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu		
140	85	90	95
141	gtg acc ctg ttc cga tgt att cag aat atg ccc aaa aca ctg ccc aac	336	
142	Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys Thr Leu Pro Asn		
143	100	105	110
144	aat tcc tgc tac tcg gct ggc atc gcg agg ctg gaa gaa gga gat gag	384	
145	Asn Ser Cys Tyr Ser Ala Gly Ile Ala Arg Leu Glu Glu Gly Asp Glu		
146	115	120	125
147	att cag ctt gca att cct cgg gag aat gca cag att tca cgc aac gga	432	
148	Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Arg Asn Gly		
149	130	135	140
150	gac gac acc ttc ttt ggt gcc cta aaa ctg ctg taa ctcacttgct	478	
151	Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu		
152	145	150	155
153	ggagtgcgtg atccccttcc ctcgtcttct ctgtacacctc gagggagaaa cagacgactg	538	
154	aaaaaaactaa aagatgggaa aagccgtcag cggaaatgttt ctcgtgaccc gtgttatctg	598	
155	atccaaacca gaaaaataaa cagacagcca caaccgaagt gtgccatgtg agttatgaga	658	
156	aacggagccc ggcgtcagaa agacccgatg aggaagaccg ttttctccag tcctttgcca	718	
157	acacgcaccc caacacctgtt ttttgccttggtgacacat gttcagaatgt cagggagatt	778	
158	tccttgtttt gcgatttgcc atgagaagag gccccacaac tgcaggcac tgaagcattc	838	
159	acgctaagtc tcaggattta ctctcccttc tcatgctaag tacacacacag ctcttttcca	898	
160	ggttaatacta tgggatacta tggaaagggtt gtttggggaaatcttagaa gtcttgaact	958	
E--> 161	ggcaatagac aaaaatcattt ataaattcaa gtgtaaaata aacttaatta aaaagggttt	1018 → 1018 same error	
E--> 162	1018		
E--> 163	agtgtgaaaa aaaaaaaaaaa aa	→ 1040	
E--> 164	1040		

165	<210> 38
166	<211> 177
167	<212> DNA
168	<213> Mus musculus
169	<400> 38
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W--> 171	all 10 gatagvktaa rhmssrghm rragtdvdsa acgcrhshdd ngnmndcad sdtaknkvvrr 120
W--> 172	new tgyysvytda mghvrkkvhv gds vtrcmk tmnscysaga rgdarnasrn gddtgak 177
E--> 173	25

On
error
human
flat
25
delete at end of file

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/507,968

DATE: 03/10/2000

TIME: 10:14:25

Input Set: I507968.RAW

Line ? Error/Warning

Original Text

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46 E Input 1100, Calc# Bases 989 differ
109 E Wrong Amino Acid Designator
113 E Wrong Amino Acid Designator
114 W Invalid/Missing Amino Acid Numbering
116 E Input 1040, Calc# Bases 958 differ
161 E Wrong Amino Acid Designator
163 E Wrong Amino Acid Designator
163 E Wrong Amino Acid Designator
163 E Wrong Amino Acid Designator
170 W "N" or "Xaa" used: Feature required
171 W "N" or "Xaa" used: Feature required
172 W "N" or "Xaa" used: Feature required
173 E Number of Bases conflict w/ Running Total 25

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ttctgttacc tctaagaaga aagaatctaa ctgaaaat
1100
<211> 1040
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agtgtgaaaa aaaaaaaaaa aa
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gatagvktaa rhnssrghrn rragnetvdsa acgcrhsh
tgyysvytda mghvrkkvhv gdsrvrcnmk tnnsccysa

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